Grade 9-10 Math Assessment

Standard 1: Number Sense

Counting and Quantity

No Evidence	Demonstrates awareness of the presence of objects	Identifies more	Uses numbers to compare	Names and orders quantities	Describes relationships between numbers and quantity	Identifies numbers and quantity to 100	Identifies numbers and quantity to 1000	Compares numbers on a number line	Compares parts and whole	Names and orders fractions and decimals	Compares costs related to shopping

Computation

No Evidence	Manipulates objects for a purpose	Matches objects and sets	Makes a set of objects smaller or larger	Follows models of addition or subtraction situations	Describes the application of addition and subtraction situations	Demonstrates fluency with addition and subtraction facts	Adds and subtracts up to 100	Models multiplication and division of whole numbers	Demonstrates fluency of multiplication and division facts up to 10	Adds and subtracts money in decimal notation	Applies computation to consumer applications

Standard 2: Geometry and Measurement

Time

No Evidence	Anticipates a routine	Uses vocabulary to identify events in a routine	Sequences events	Uses vocabulary that measures time	Uses measuring units for time	Tells time to the nearest hour	Tells time to the fraction of the hour	Tells time to the minute	Calculates elapsed time	Calculates time intervals in hours and minutes	Solves simple problems involving rates

Length, Capacity, Weight, Temperature

No Evidence	Explores measurement attributes	Distinguishes between big and little, hot and cold	Differentiates gradients of size and weight	Uses common measuring tools in correct context	Makes direct measurement comparisons	Measures units of length, capacity, weight and temperature	Selects appropriate units to estimate and measure	Carries out simple conversions of units (e.g. inches to feet)	Measures perimeter	Measures area	Applies measurement calculations to solve a simple problem

Sorting, Classifying and Constructing									
No Evidence	Explores attributes (e.g. shape, size, color)	Matches same attributes	Matches opposites	Sorts and patterns by one attribute	Sorts and patterns by more than one attribute	Describes attributes of common shapes	Identifies and draws parallel and perpendicular lines	Constructs geometric shapes	Applies the identification of angles and geometric shapes in daily life

Standard 3: Algebra and Functions

Data Display											
No Evidence	Demonstrates an awareness of location of objects	Identifies location	Follows directions involving location	Communicates with location words	Uses prepositions to describe location	Uses ordinal numbers to describe order (e.g. 3rd)	Identifies location using a number line	Identifies location using two coordinates	Uses simple tables to display information	Interprets simple graphs	Makes calculations based on displayed information